

## **Part II**

**Selected Presentation Slides, Given at the 59<sup>th</sup> Annual Center  
Directors Meeting, Austin, Texas, October 30, 2001**

II.4 University of Medicine and Dentistry of New Jersey,  
Environmental and Occupational Health Sciences  
Center

Presenter: Laura Hemminger

**Training Teachers, Reaching Students:  
The Spanish Bilingual ToxRAP™ Initiative**

**PROGRAM**

- Conducted by the COEP at EOHSI/UMDNJ/Rutgers
- Supported by an NIEHS Supplement, Grant No. P30 ES05022-13S1

**GOALS**

- Improve quality of environmental health sciences education in K-6 Spanish bilingual classrooms
- Increase Spanish-speaking students' scientific literacy by disseminating ToxRAP™ through professional development programs for bilingual teachers



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**METHODS**

- Bilingual Teacher Trainer Team
  - Teachers, COEP Educators, Center Scientist
- Bilingual Teacher Workshops
  - "The Case of the Green Feathers" (K-3)
  - "What is Wrong with the Johnson Family?" (3-6)
- Classroom Implementation



**ACHIEVEMENTS**

- Developed Spanish bilingual training format
- Trained 64 K-6 Spanish bilingual teachers
  - Jersey City, Paterson, Perth Amboy and Plainfield
- Impacting more than 1,300 students



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**WORKSHOP EVALUATION**

- Overall value of workshops = 3.99\*
- Overall impression of curriculum = 3.95\*
- 100% more comfortable and more interested in teaching about environmental health
- 100% would recommend workshop to colleagues

**PROGRAM EVALUATION**

- To be completed after curriculum implementation

\*On a scale of 1-4; 1=poor and 4=excellent

